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SUPERFUND BRANCH



May 28, 1985

Sun Refining and
Marketing Company
P O Box 2039
Tulsa OK 74102

Mr. Gary Guerra
U. S. Environmental Protection Agency
Superfund Compliance (6AW-SC), Region VI
1201 Elm St.
Dallas, TX 75270

Sun Refinery + Marketing Co.
OK0058078775

X-Ref SA Vol #1

Dear Mr. Guerra:

Please refer to Mr. Allyn M. Davie's letter dated May 6, 1985 concerning an inactive landfill site which was located at the Sun Refinery in Tulsa, Oklahoma.

Attached is a copy of a letter and accompanying map made up for me by the engineer (now retired) who followed the cleanup of the subject landfill. Also attached are copies of photos taken during the testing to determine the location and materials contained in the landfill. No photos are available of the cleanup or the site now. I understand the EPA contractor took photos during their visit in 1984 which should be available to you.

As you can see from Mr. Callahan's letter, the material was recovered and made into roadbed material for use within the refinery.

The wells located in the former area of the landfill are associated with our oil recovery project and are only used for monitoring presence of oil on water table and groundwater table levels. The only wells which we monitor groundwater constituents are located approximately 2600 feet up gradient from the site of the subject landfill site and, therefore, would provide no usable data.

Please contact me at 918-586-7374 or Mrs. Sidney Cabbiness at 918-586-7574 if we can be of any further service.

Sincerely,

William R. Clarke

William R. Clarke, P.E.
Chief Environmental Engineer

WRC:dl
attachments

SUPERFUND FILE

AUG 27 1992

REORGANIZED

May 24, 1985

William R. Clarke
Chief Environmental Engineer
Sun Refining & Marketing Co.
Tulsa Refinery
P. O. Box 2039
Tulsa, Oklahoma 74102

Subject: Oily Sludge Roads
inside the Tulsa
Refinery

Dear Mr. Clarke

As per your request, I have reviewed the old refinery records pertaining to the subject roads. The following is my best recollection as to the construction of these roads.

1. This project was done in the mid-1970's.
2. Oily sludge material was removed from the river side of the levee(North of the old clay pit, located North of 186 & 188 tanks).
3. The oily sludge material was spread on old road beds, and blade mixed with river sand.
4. The sand & oily sludge mix, was compacted in 3 to 4 inch lifts, to a total thickness of approximately one (1) foot.
5. The finished road surface was $\frac{1}{2}$ inch stabilized aggregate compacted to a 4 inch thickness.
6. the attached refinery map shows the oily sludge/sand base roads, marked in red.

7. Total lin. ft., approximately, 36,000, of (20 ft. wide) oily sludge/sand base roads.
8. Total cubic yards, approximately 16,000, of oily sludge material used in this project.

Sincerely;

R. E. Callahan

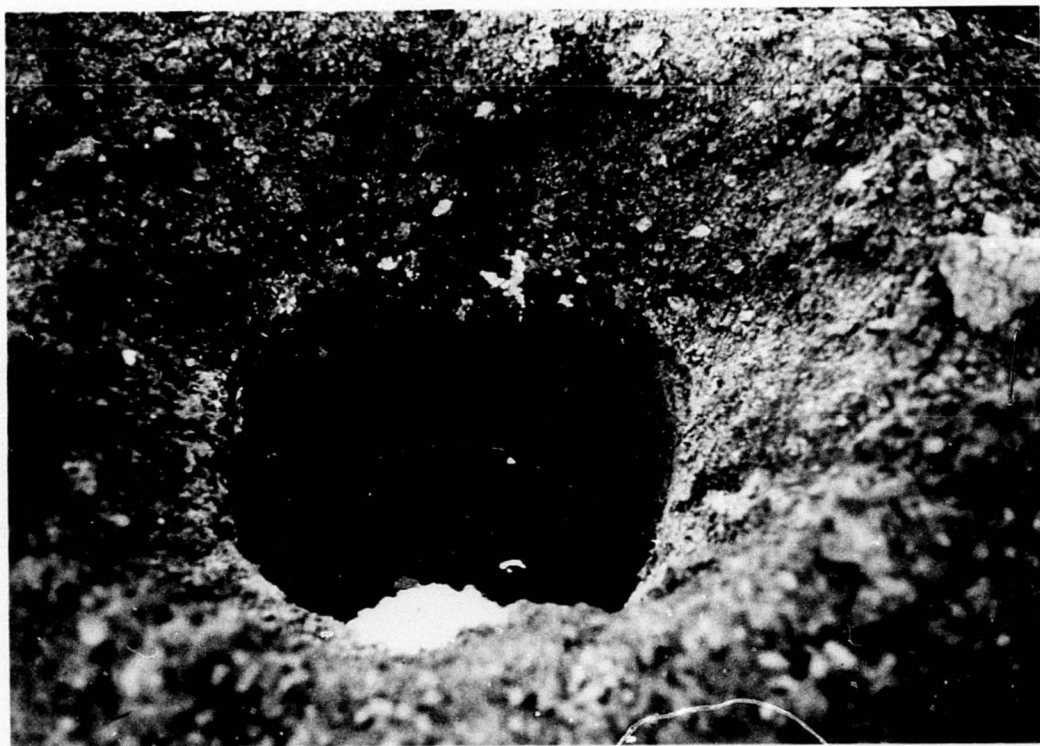
R. E. Callahan

Senior Associate Project Engineer (Ret.)

Sun Refining & Marketing Co., Tulsa Refinery.

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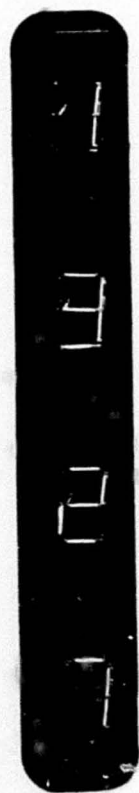
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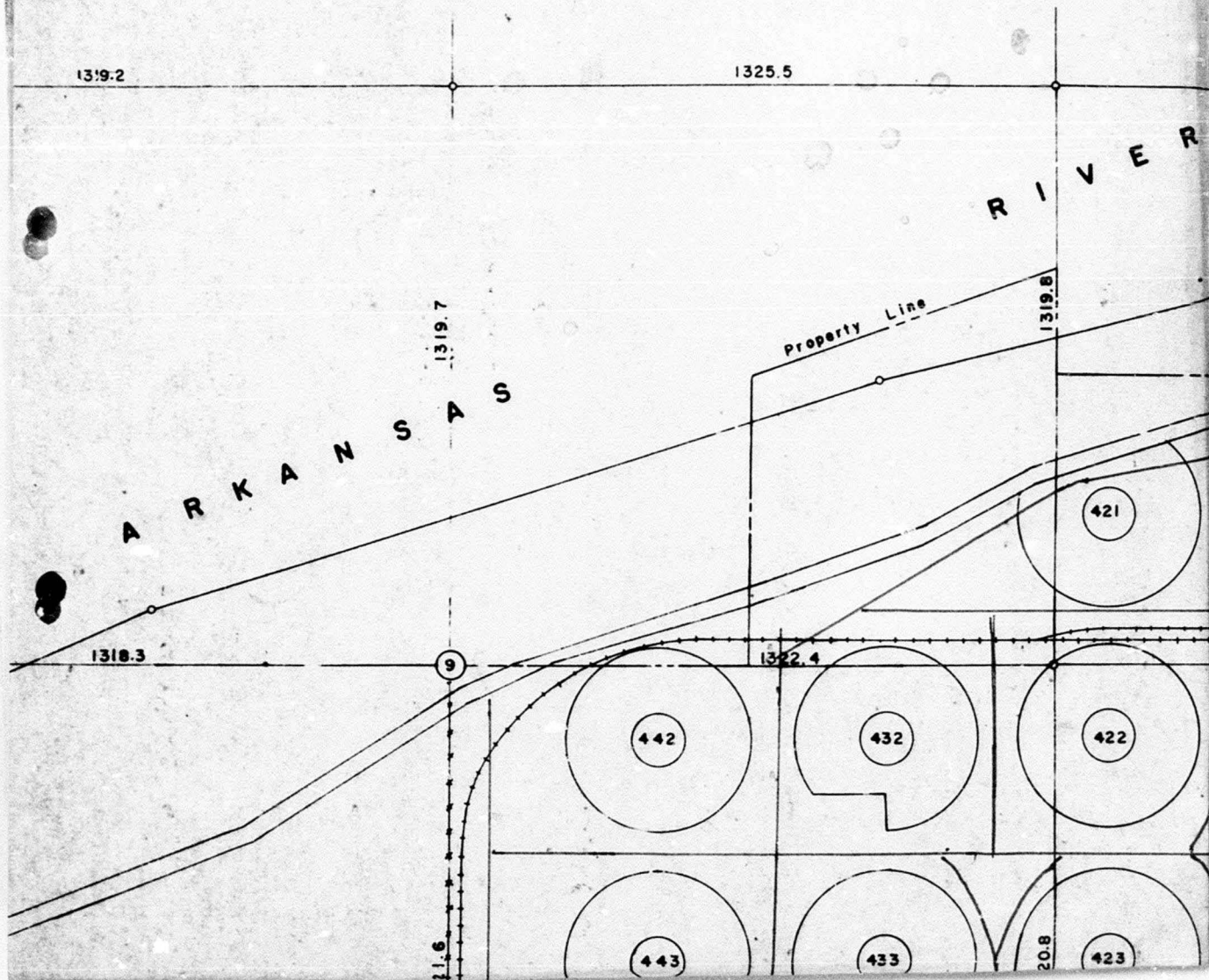
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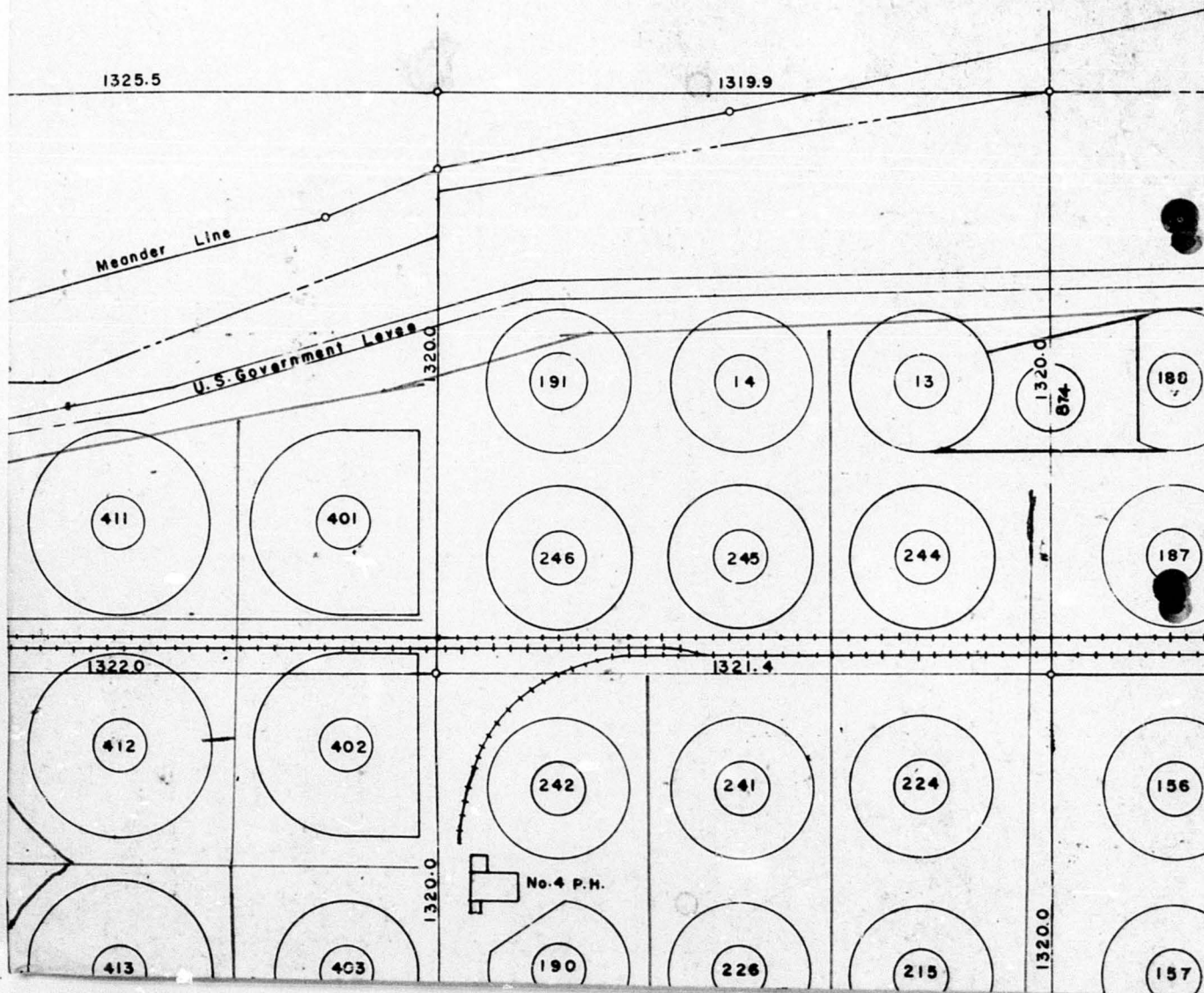
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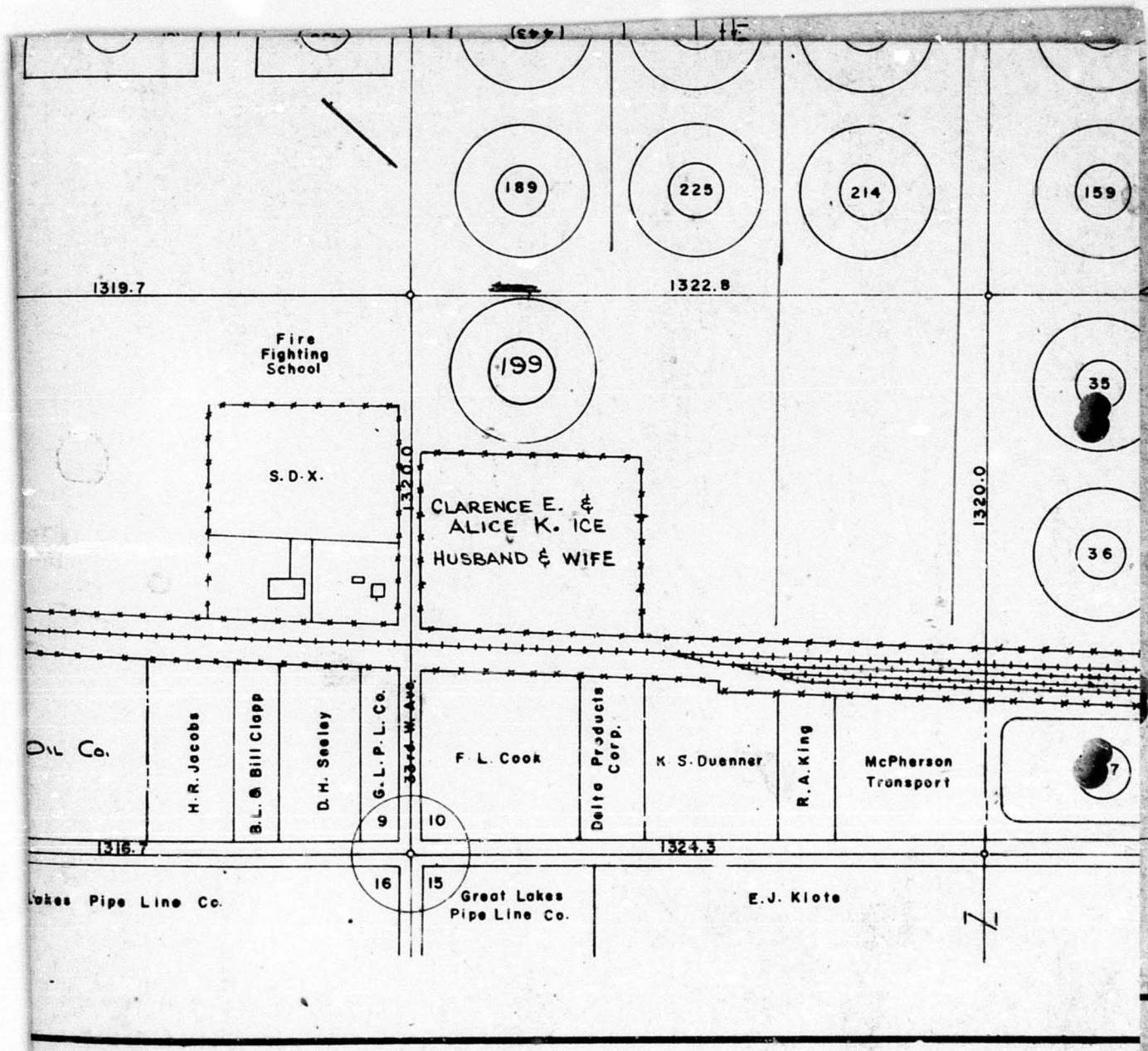
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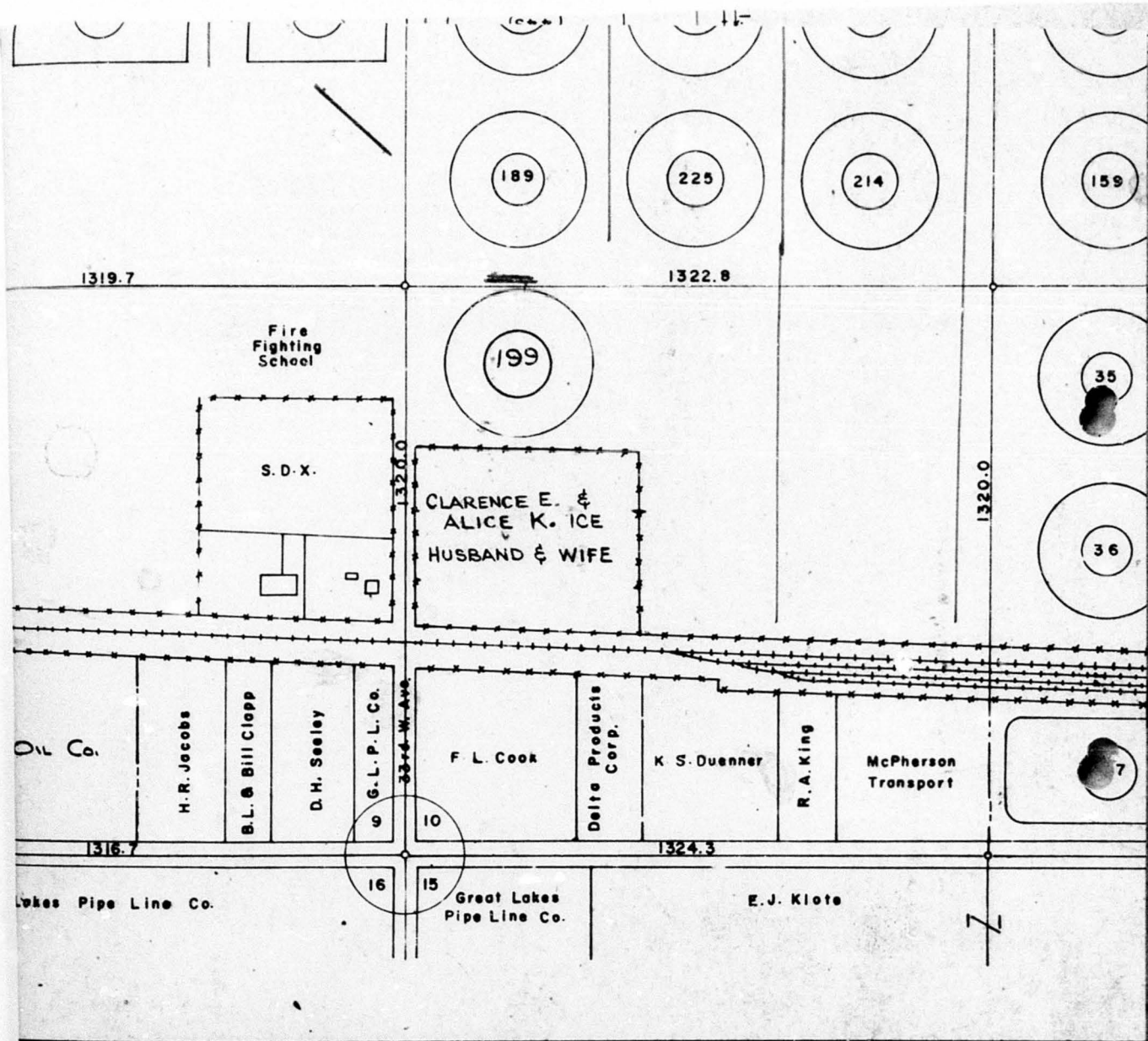
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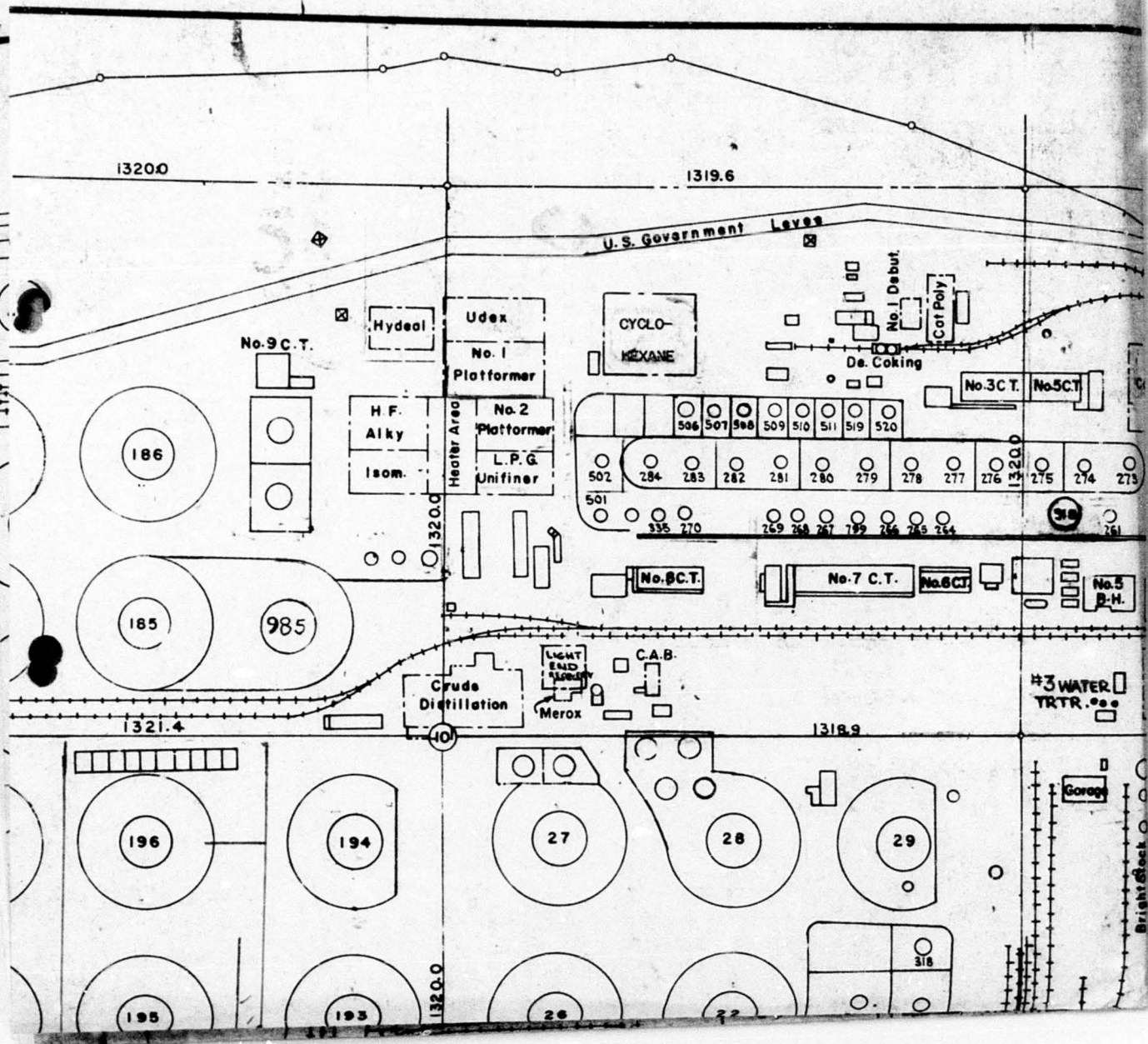
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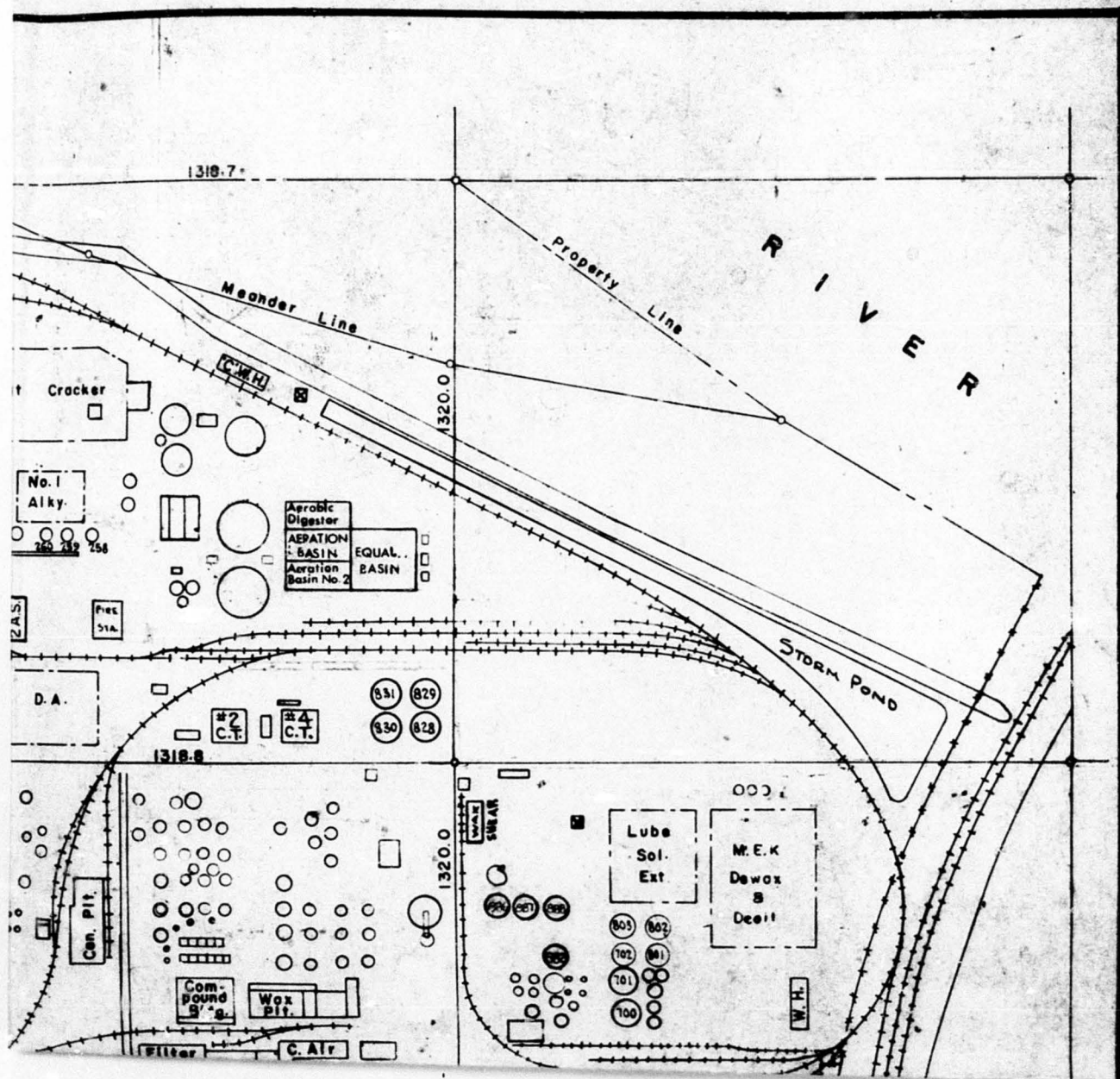
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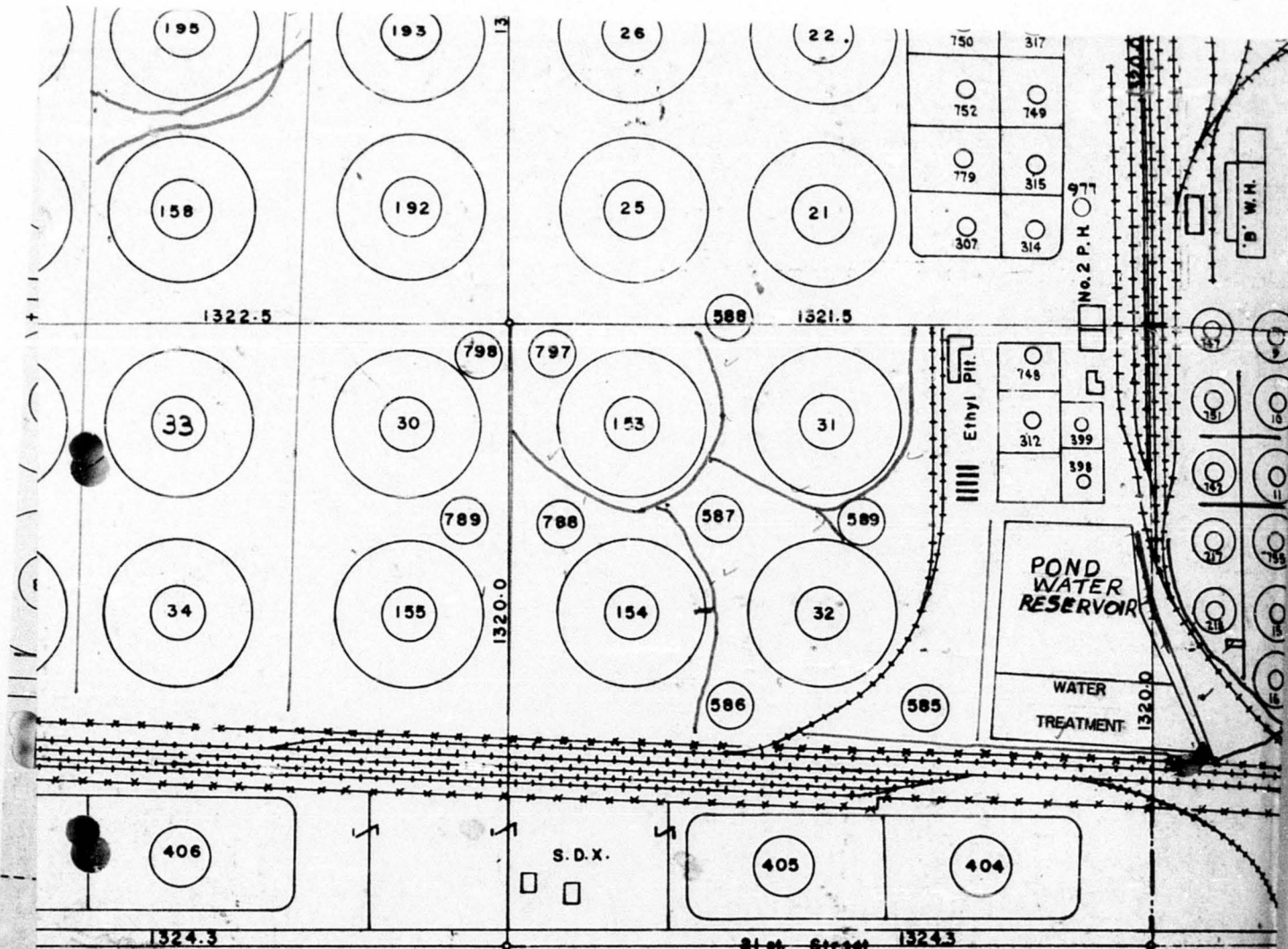
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SUN REFINERY is located in Sections 9, 10 & 11 Township 9, North, Range 12, East, Tulsa County, State of Oklahoma. Longitude & Latitude at Main Gate to Refinery, located at 17th Street & Union Avenue (N-36°-08'-15" L. W-96°-0'-40"). City of Tulsa, Tulsa County, Oklahoma.

